

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032182.D
 Acq On : 20 Jan 2018 16:49
 Operator : SJ/JU
 Sample : PB105795BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105795BL

Quant Time: Jan 22 05:09:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	47249	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	179062	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	118347	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	314926	20.00	ng	0.00
75) Chrysene-d12	22.44	240	433705	20.00	ng	0.00
86) Perylene-d12	26.15	264	446930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	315486	122.12	ng	0.00
7) Phenol-d6	7.85	99	372791	114.58	ng	0.00
23) Nitrobenzene-d5	9.94	82	230948	87.26	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	234888	119.94	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	790246	82.80	ng	0.00
78) Terphenyl-d14	20.65	244	1617334	82.34	ng	0.00

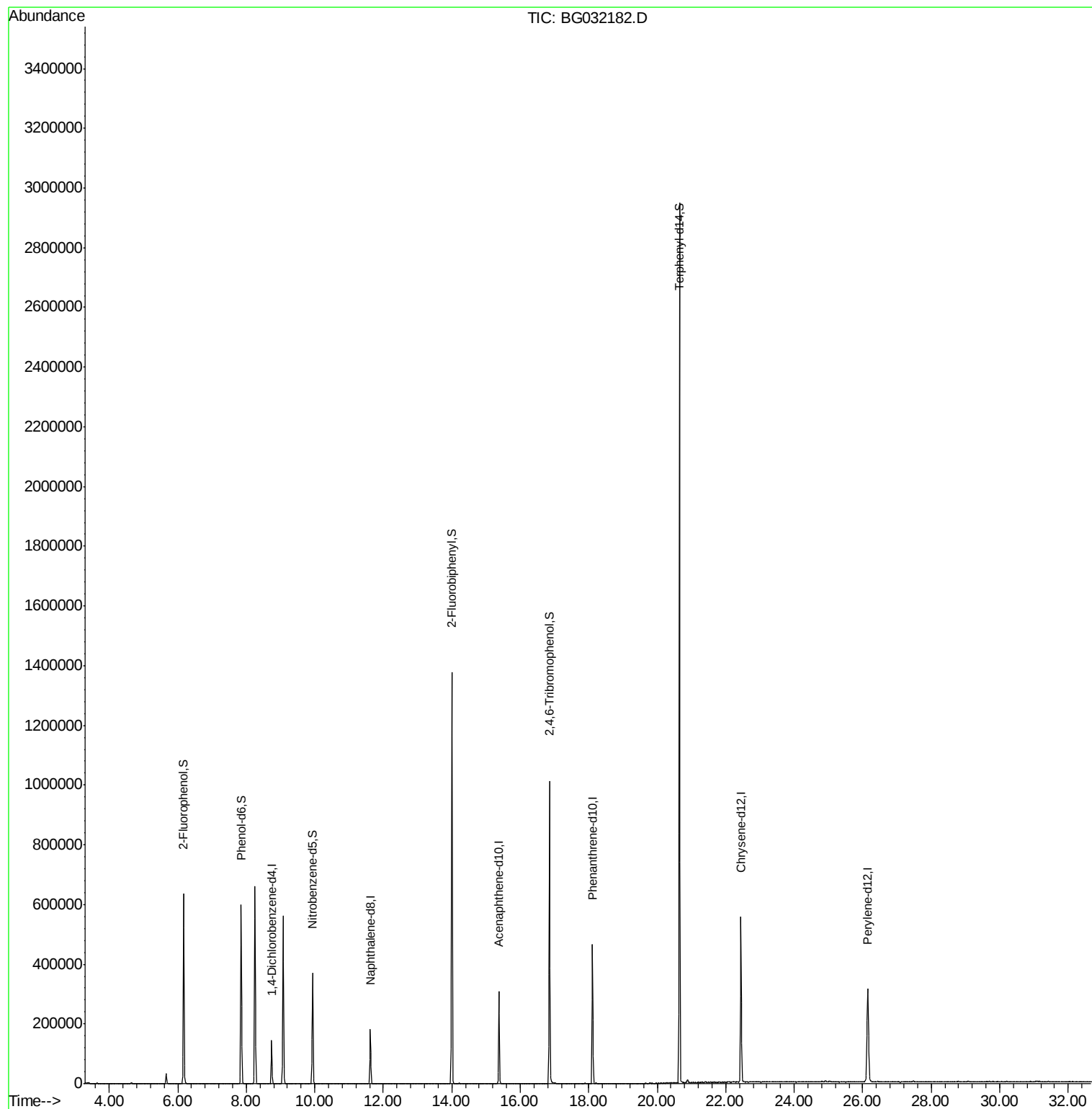
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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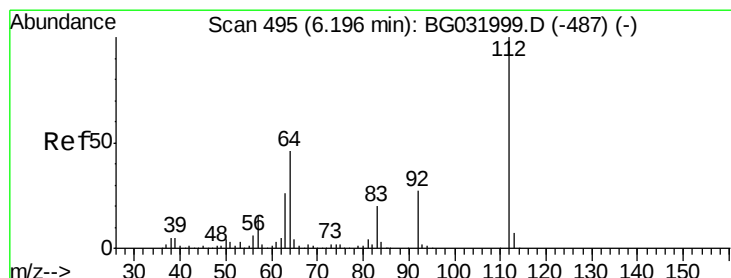
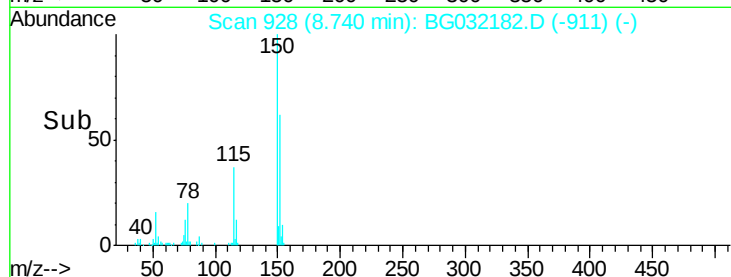
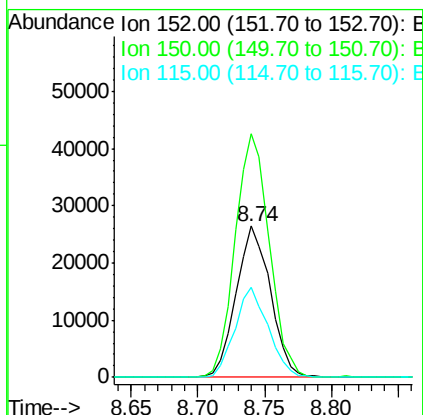
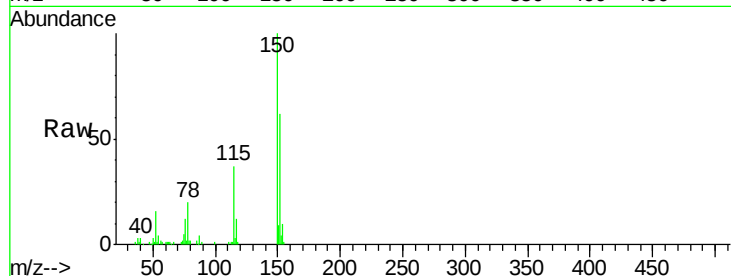


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PB105795BL

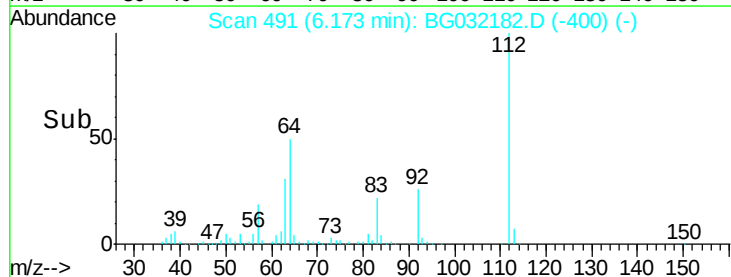
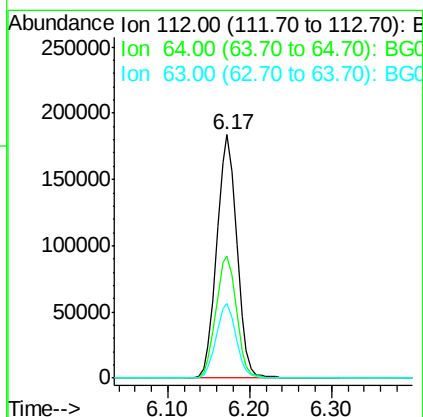
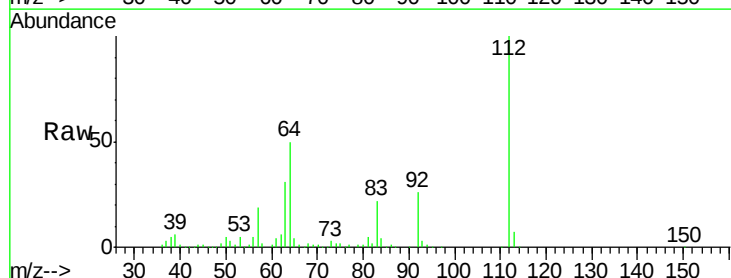
Tot Ion:152 Resp: 47249
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 59.6 53.0 79.4

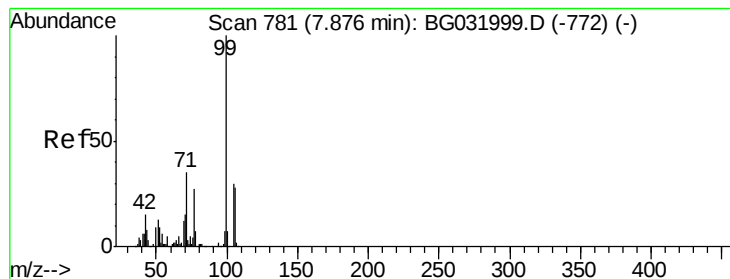


#5

2-Fluorophenol
Concen: 122.120 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

Tgt Ion:112 Resp: 315486
Ion Ratio Lower Upper
112 100
64 49.9 56.3 84.5#
63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 114.576 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032182.D

Acq: 20 Jan 2018 16:49

Instrument :

BNA_G

ClientSampleId :

PB105795BL

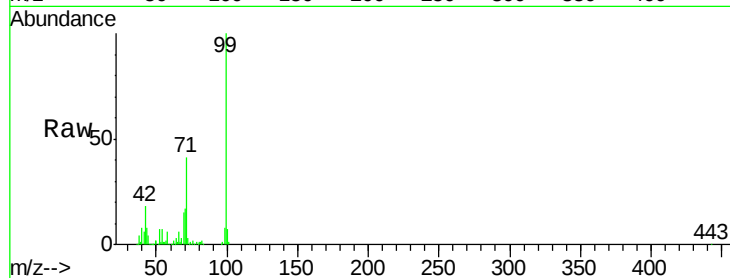
Tot Ion: 99 Resp: 372791

Ion Ratio Lower Upper

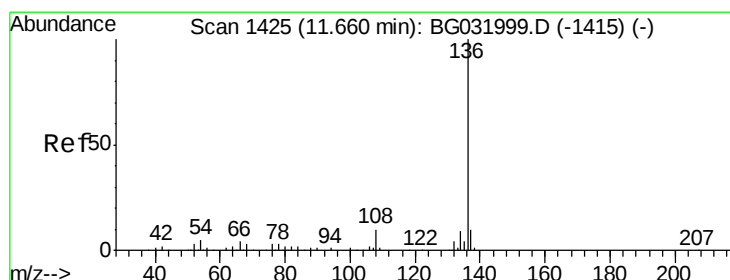
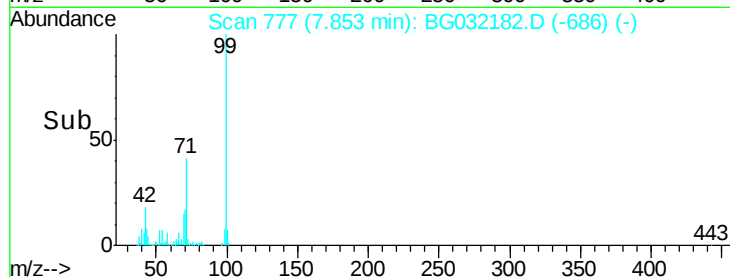
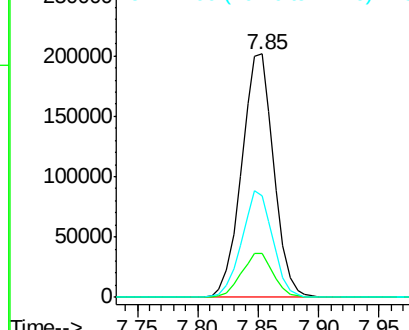
99 100

42 18.1 14.1 21.1

71 41.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032182.D

Acq: 20 Jan 2018 16:49

Tgt Ion: 136 Resp: 179062

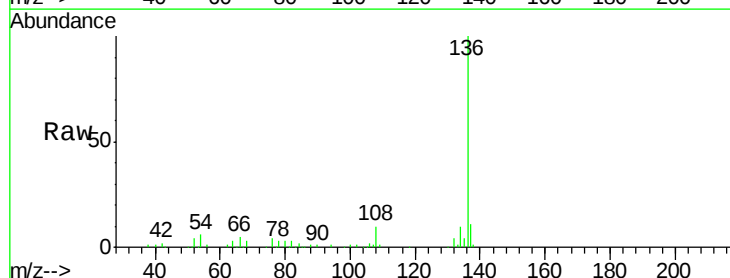
Ion Ratio Lower Upper

136 100

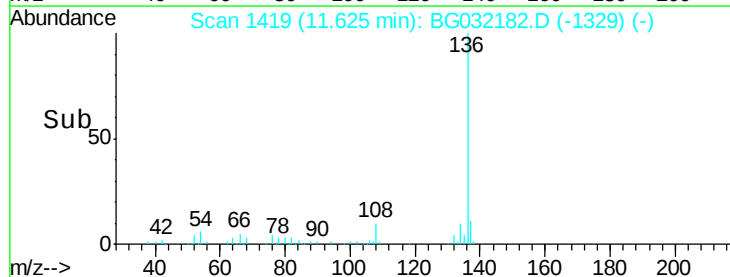
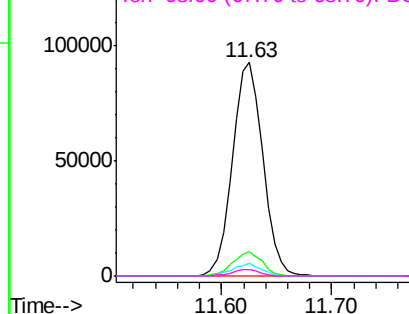
137 11.1 9.2 13.8

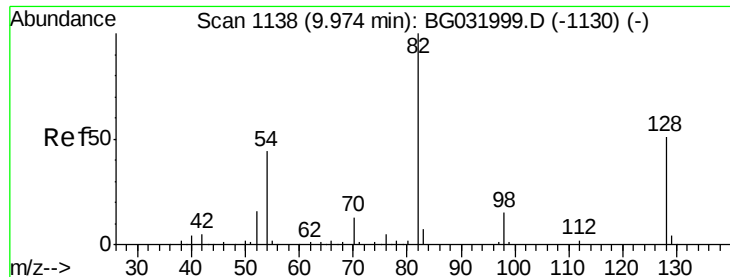
54 5.8 10.3 15.5#

68 3.1 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

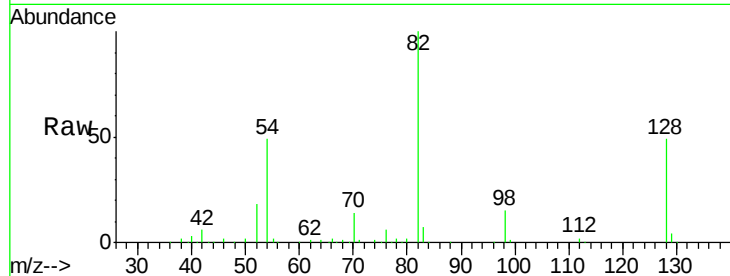




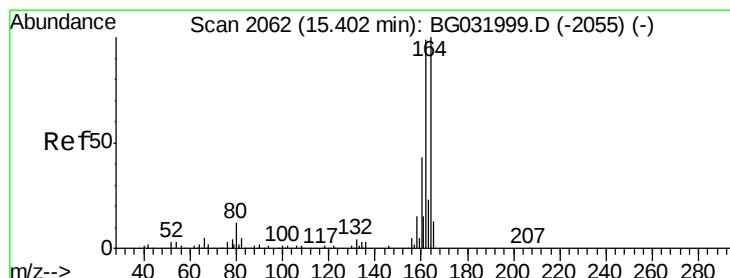
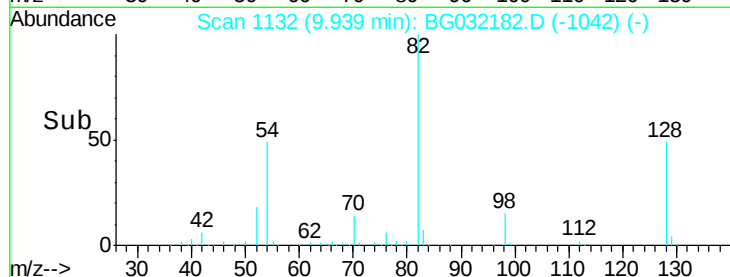
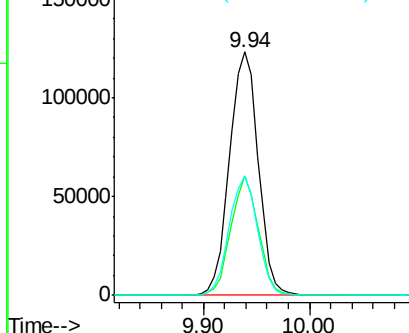
#23
Nitrobenzene-d5
Concen: 87.258 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PB105795BL

Tot Ion: 82 Resp: 230948
Ion Ratio Lower Upper
82 100
128 49.3 29.7 44.5#
54 49.3 43.1 64.7

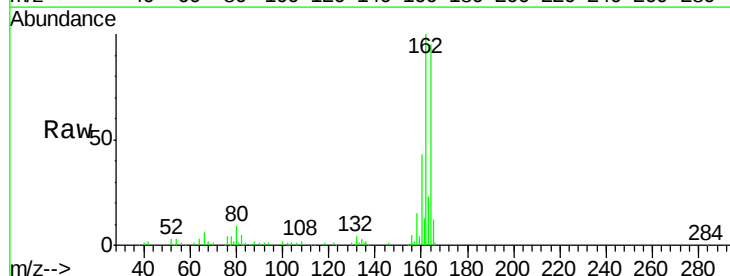


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

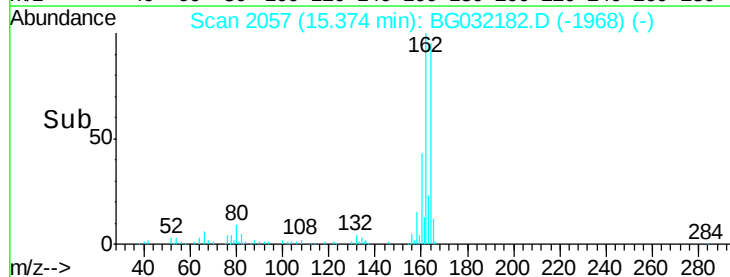
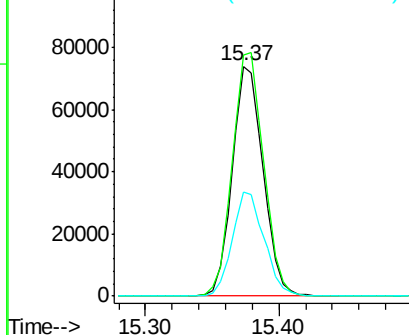


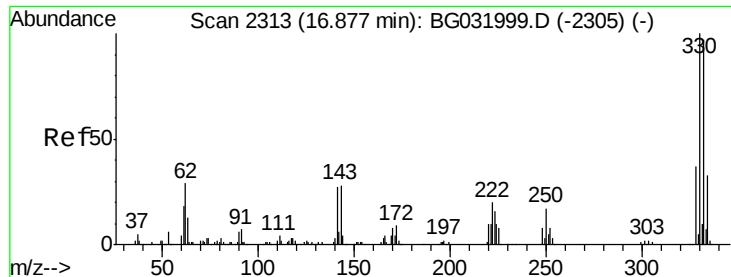
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

Tgt Ion:164 Resp: 118347
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

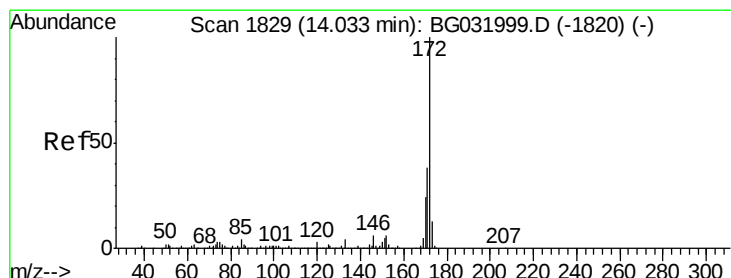
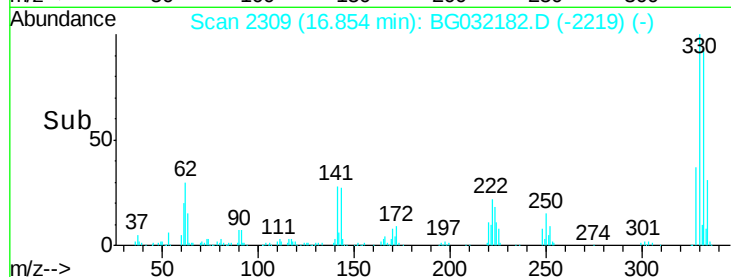
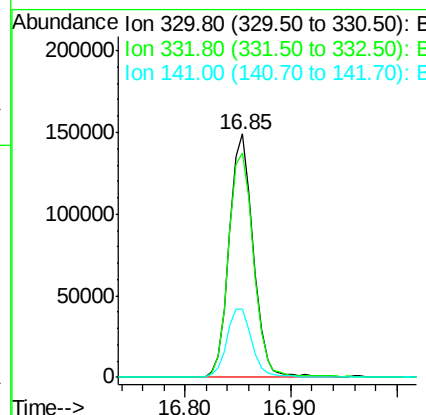
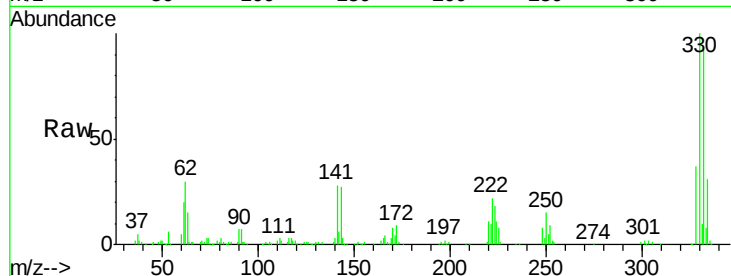




#41
 2,4,6-Tribromophenol
 Concen: 119.941 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032182.D
 Acq: 20 Jan 2018 16:49

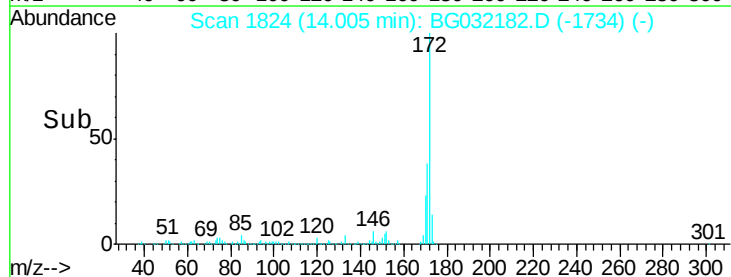
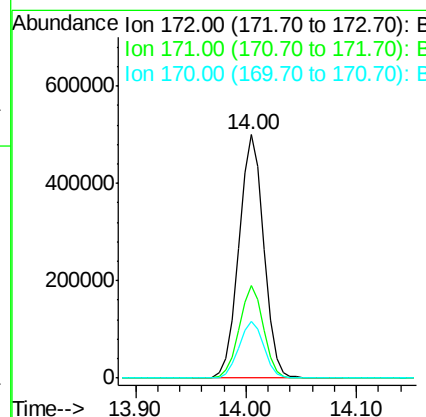
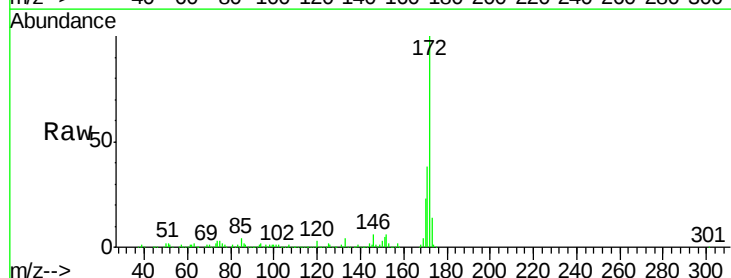
Instrument :
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 ClientSampleId :
 PB105795BL

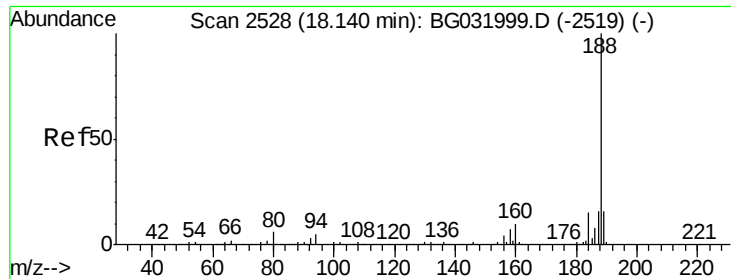
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 82.796 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032182.D
 Acq: 20 Jan 2018 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.4	19.5	29.3

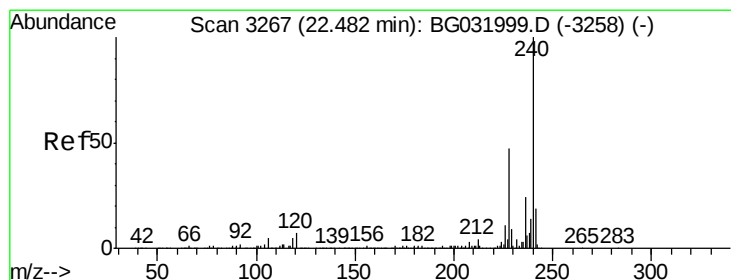
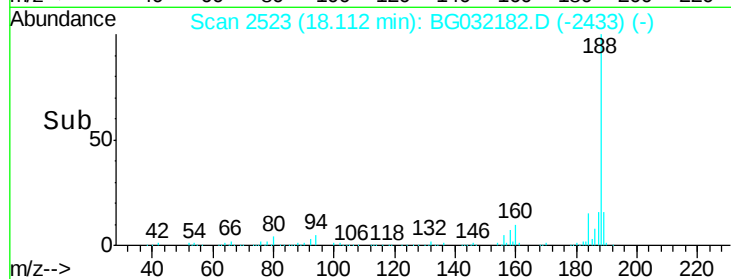
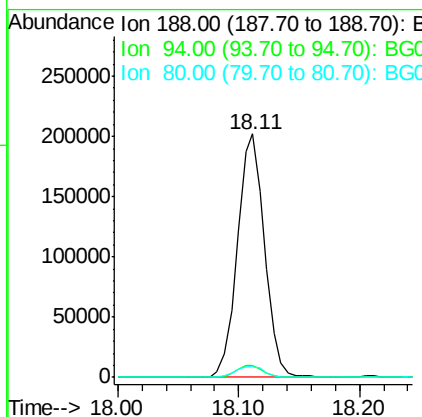
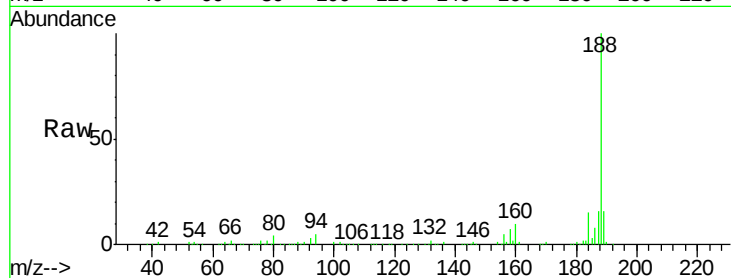




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

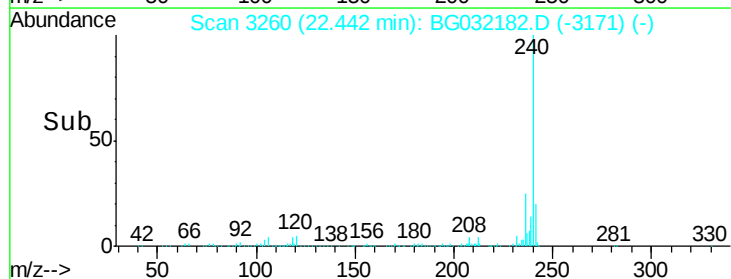
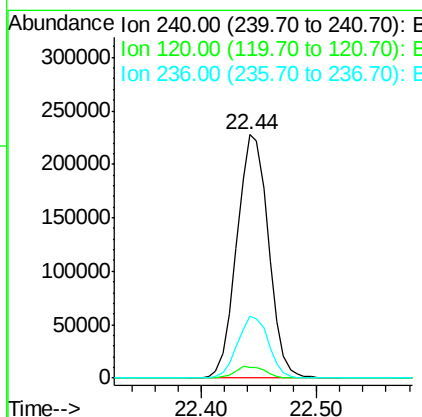
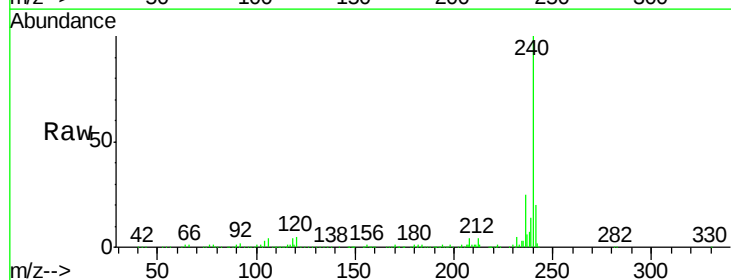
Instrument :
BNA_G
ClientSampleId :
PB105795BL

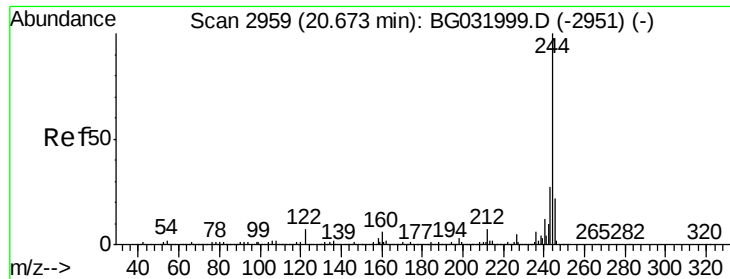
Tot Ion:188 Resp: 314926
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 4.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032182.D
Acq: 20 Jan 2018 16:49

Tgt Ion:240 Resp: 433705
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 82.340 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032182.D

Acq: 20 Jan 2018 16:49

Instrument :

BNA_G

ClientSampleId :

PB105795BL

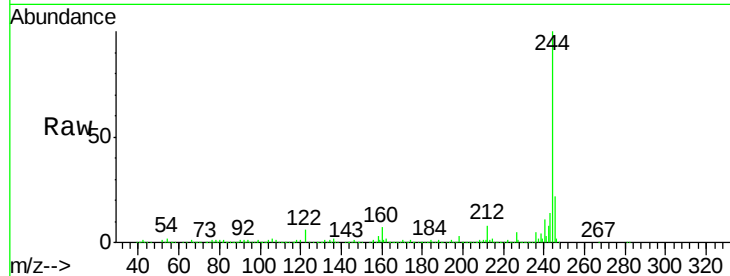
Tot Ion:244 Resp: 1617334

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

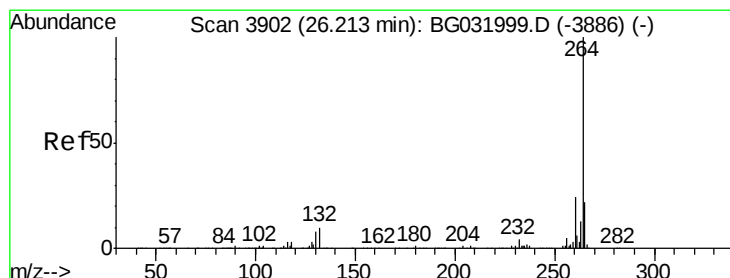
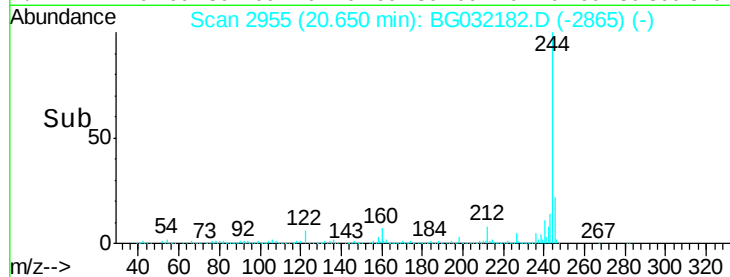
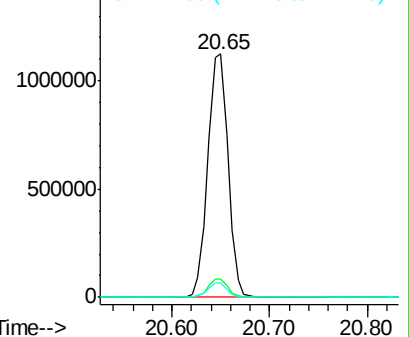
122 5.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032182.D

Acq: 20 Jan 2018 16:49

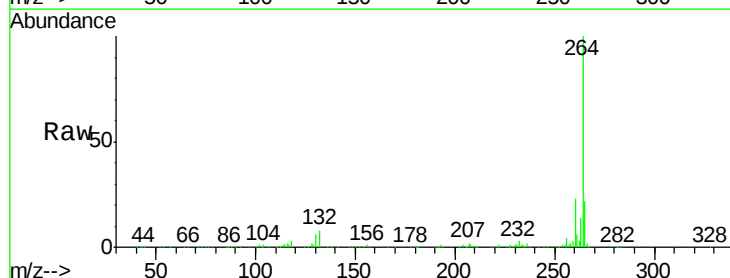
Tgt Ion:264 Resp: 446930

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

